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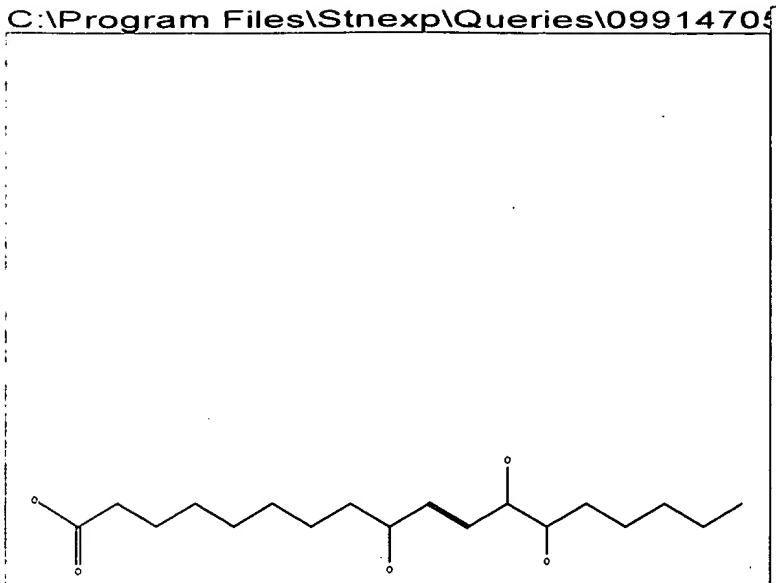

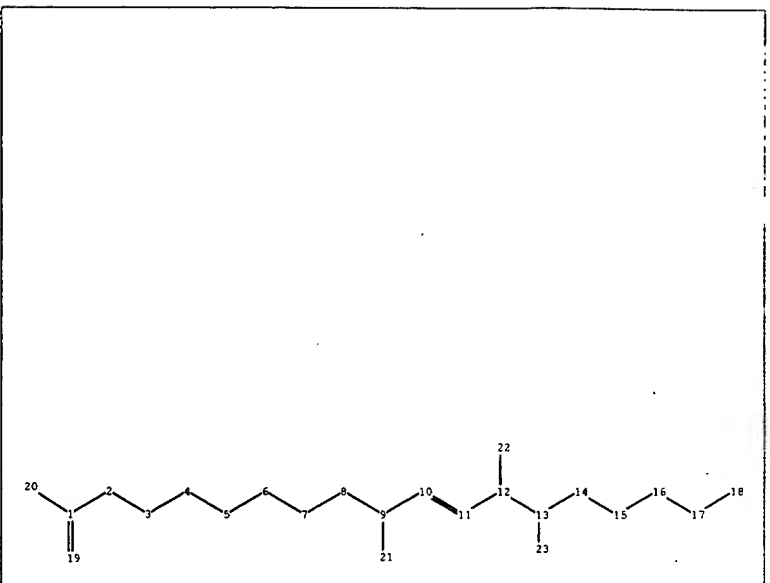

chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

chain bonds :
1-2 1-19 1-20 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 9-21 10-11 11-12 12-13 12-22 13-14 13-23 14-15 15-16 16-17 17-18

exact/norm bonds :
1-19 1-20 9-21 12-22 13-23

exact bonds :
1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15 15-16 16-17 17-18

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
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NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	27	AUG 11	Derwent World Patents Index(R) web-based training during August
NEWS	28	AUG 11	STN AnaVist workshops to be held in North America

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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FILE 'HOME' ENTERED AT 16:12:15 ON 26 AUG 2005

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                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 16:12:26 ON 26 AUG 2005
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DICTIONARY FILE UPDATES:  24 AUG 2005  HIGHEST RN 861772-82-9

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L1      STRUCTURE UPLOADED

=> S l1 full
FULL SEARCH INITIATED 16:17:45 FILE 'REGISTRY'
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FULL SCREEN SEARCH COMPLETED -   6472 TO ITERATE

100.0% PROCESSED     6472 ITERATIONS                                 70 ANSWERS
SEARCH TIME: 00.00.01

L2           70 SEA SSS FUL L1

=> fil hcap uspatful
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   165.20     165.41

FILE 'HCAPLUS' ENTERED AT 16:18:19 ON 26 AUG 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'USPATFULL' ENTERED AT 16:18:19 ON 26 AUG 2005
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=> L2
L3           80 L2

=> dup rem L3
PROCESSING COMPLETED FOR L3
L4           80 DUP REM L3 (0 DUPLICATES REMOVED)

=> dis 1-10

L4   ANSWER 1 OF 80  HCAPLUS  COPYRIGHT 2005 ACS on STN
AN   2005:579964  HCAPLUS
DN   143:109050
TI   Intranasally and orally effective adjuvants from Chinese and Japanese
     medicinal herbs for nasal influenza vaccine
AU   Nagai, Takayuki; Kiyohara, Hiroaki; Sunazuka, Toshiaki; Omura, Satoshi;
     Yamada, Haruki
CS   Kitasato Institute for Life Sciences, Kitasato University, Tokyo,
     108-8641, Japan
SO   Acta Horticulturae (2005), 679(Proceedings of WOCMAP III: The IIIrd World
     Congress on Medicinal and Aromatic Plants, 2003), 121-129
     CODEN: AHORA2; ISSN: 0567-7572
PB   International Society for Horticultural Science
DT   Journal
LA   English
RE.CNT  5     THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4   ANSWER 2 OF 80  USPATFULL on STN
AN     2004:31916  USPATFULL
TI     Vaccine preparation containing fatty acid as component
IN     Yamada, Haruki, Tokyo, JAPAN
       Kiyohara, Hiroaki, Chigasaki-shi, JAPAN
       Nagai, Takayuki, Setagaya-ku, JAPAN
       Sunazuka, Toshiaki, Funabashi-shi, CHINA
PI     US 2004024058      A1   20040205
AI     US 2003-363484     A1   20030812 (10)
       WO 2001-JP7379          20010828
PRAI   JP 2000-268390      20000831
DT     Utility
FS     APPLICATION
LN.CNT 1946
INCL   INCLM: 514/513.000
       INCLS: 514/560.000; 514/627.000
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NCL NCLM: 514/513.000
NCLS: 514/560.000; 514/627.000
IC [7]
ICM: A61K031-21
ICS: A61K031-16; A61K031-202
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:696852 HCAPLUS
DN 142:235074
TI Characterization of metabolic pathway of linoleic acid 9-hydroperoxide in cytosolic fraction of potato tubers and identification of reaction products
AU Kimura, Hideto; Yokota, Kazushige
CS Department of Life Science and Biotechnology, Shimane University, Matsue, 690-8504, Japan
SO Applied Biochemistry and Biotechnology (2004), 118(1-3), 115-132
CODEN: ABIBDL; ISSN: 0273-2289
PB Humana Press Inc.
DT Journal
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:162637 HCAPLUS
DN 139:22049
TI Total synthesis and adjuvant activity of all stereoisomers of pinellic acid
AU Shirahata, Tatsuya; Sunazuka, Toshiaki; Yoshida, Kiminari; Yamamoto, Daisuke; Harigaya, Yoshihiko; Nagai, Takayuki; Kiyohara, Hiroaki; Yamada, Haruki; Kuwajima, Isao; Omura, Satoshi
CS School of Pharmaceutical Science, The Kitasato Institute for Life Science, Kitasato University, Minatoku, Tokyo, 108-8641, Japan
SO Bioorganic & Medicinal Chemistry Letters (2003), 13(5), 937-941
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 139:22049
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:171725 HCAPLUS
DN 136:221735
TI Vaccine preparation containing unsaturated hydroxy fatty acid derivatives as immuno adjuvants
IN Yamada, Haruki; Kiyohara, Hiroaki; Nagai, Takayuki; Sunazuka, Toshiaki
PA The Kitasato Institute, Japan
SO PCT Int. Appl., 73 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002017961	A1	20020307	WO 2001-JP7379	20010828
	W: AU, CA, JP, US				
	RW: BE, DE, FR, GB, IT				
	AU 2001080208	A5	20020313	AU 2001-80208	20010828
	CA 2420601	AA	20030226	CA 2001-2420601	20010828
	EP 1316314	A1	20030604	EP 2001-958570	20010828

R: BE, DE, FR, GB, IT
US 2004024058 A1 20040205 US 2003-363484 20030812
PRAI JP 2000-268390 A 20000831
WO 2001-JP7379 W 20010828
OS MARPAT 136:221735
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:97574 HCAPLUS
DN 137:63100
TI Total synthesis of pinellic acid, a potent oral adjuvant for nasal influenza vaccine. Determination of the relative and absolute configuration
AU Sunazuka, Toshiaki; Shirahata, Tatsuya; Yoshida, Kiminari; Yamamoto, Daisuke; Harigaya, Yoshihiro; Nagai, Takayuki; Kiyohara, Hiroaki; Yamada, Haruki; Kuwajima, Isao; Omura, Satoshi
CS School of Pharmaceutical Sciences, Kitasato University, Shirokane, Minatoku, Tokyo, 108-8641, Japan
SO Tetrahedron Letters (2002), 43(7), 1265-1268
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 137:63100
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:633203 HCAPLUS
DN 138:297111
TI Pinellic acid from the tuber of Pinellia ternata Breitenbach as an effective oral adjuvant for nasal influenza vaccine
AU Nagai, Takayuki; Kiyohara, Hiroaki; Munakata, Kaori; Shirahata, Tatsuya; Sunazuka, Toshiaki; Harigaya, Yoshihiro; Yamada, Haruki
CS Oriental Medicine Research Center, The Kitasato Institute, Minato-ku, Tokyo, 108-8642, Japan
SO International Immunopharmacology (2002), 2(8), 1183-1193
CODEN: IINMBA; ISSN: 1567-5769
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:404514 HCAPLUS
DN 137:139456
TI Effect of metal ions on the production of isomeric 9,10,13 (9,12,13)-trihydroxy-11E (10E)-octadecenoic acid from linoleic acid by Pseudomonas aeruginosa PR3
AU Kim, Hakryul; Jang, Yong-Suk; Hou, Ching T.
CS Microbial Genomic and Bioprocessing Research Unit, National Center for Agricultural Utilization Research, ARS, USDA, Peoria, IL, USA
SO Enzyme and Microbial Technology (2002), 30(6), 752-757
CODEN: EMTED2; ISSN: 0141-0229
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:414936 HCAPLUS
DN 137:351908
TI LOX activity, regermination capacity and hydroxylated fatty acids in mash
AU Wackerbauer, K.; Hardt, R.; Hendschuch, S.
CS Berlin, Germany
SO Brauwelt (2002), 142(13/14), 442-447
CODEN: BRUWAQ; ISSN: 0724-696X
PB Fachverlag Hans Carl
DT Journal
LA German

L4 ANSWER 10 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:293451 HCAPLUS
DN 135:106029
TI Aldehydic lipid peroxidation products derived from linoleic acid
AU Spiteller, P.; Kern, W.; Reiner, J.; Spiteller, G.
CS Lehrstuhl Organische Chemie I, Universitat Bayreuth, Bayreuth, 95440, Germany
SO Biochimica et Biophysica Acta (2001), 1531(3), 188-208
CODEN: BBACAQ; ISSN: 0006-3002
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 101 THERE ARE 101 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> dis 11-80

L4 ANSWER 11 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:891090 HCAPLUS
DN 134:320306
TI Reversed-phase high-performance liquid chromatographic separation of tert.-butyl hydroperoxide oxidation products of unsaturated triacylglycerols
AU Sjovall, O.; Kuksis, A.; Kallio, H.
CS Banting and Best Department of Medical Research, University of Toronto, Charles H. Best Institute, Toronto, ON, M5G 1L6, Can.
SO Journal of Chromatography, A (2001), 905(1-2), 119-132
CODEN: JCRAEY; ISSN: 0021-9673
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:628018 HCAPLUS
DN 133:227715
TI Vaccine preparations containing hydroxy unsaturated fatty acid adjuvants
IN Yamada, Haruki; Kiyohara, Hiroaki; Nagai, Takayuki
PA The Kitasato Institute, Japan
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000051634	A1	20000908	WO 2000-JP1289	20000303
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,				

MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA	2365392	AA	20000908	CA 2000-2365392	20000303
AU	2000028280	A5	20000921	AU 2000-28280	20000303
AU	781316	B2	20050519		
EP	1195162	A1	20020410	EP 2000-906681	20000303

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRAI	JP 1999-55732	A	19990303	
	WO 2000-JP1289	W	20000303	

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:132423 HCAPLUS
DN 132:277516
TI Oxidation of linoleic acid in low-density lipoprotein: an important event in atherogenesis
AU Spiteller, Dieter; Spiteller, Gerhard
CS Lehrstuhl fur Organische Chemie I Universitat Bayreuth, Bayreuth, 95440, Germany
SO Angewandte Chemie, International Edition (2000), 39(3), 585-589
CODEN: ACIEF5; ISSN: 1433-7851
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:776580 HCAPLUS
DN 134:55566
TI Production of isomeric 9,10,13 (9,12,13)-trihydroxy-11E (10E)-octadecenoic acid from linoleic acid by Pseudomonas aeruginosa PR3
AU Kim, H.; Gardner, H. W.; Hou, C. T.
CS Oil Chemical Research, National Center for Agricultural Utilization Research, ARS, USDA, Peoria, IL, 61604, USA
SO Journal of Industrial Microbiology & Biotechnology (2000), 25(2), 109-115
CODEN: JIMBFL; ISSN: 1367-5435
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:415078 HCAPLUS
DN 133:149351
TI Simultaneous determination of mono-, di-, and trihydroxyoctadecenoic acids in beer and wort
AU Kobayashi, Naoyuki; Kaneda, Hirotaka; Kuroda, Hisao; Kobayashi, Minoru; Kurihara, Toshio; Watari, Junji; Shinotsuka, Ken
CS Brewing Research Laboratories, SAPPORO Breweries Ltd., Yaizu, 425-0013, Japan
SO Journal of the Institute of Brewing (2000), 106(2), 107-110
CODEN: JINBAL; ISSN: 0046-9750
PB Institute of Brewing
DT Journal
LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:646428 HCAPLUS
DN 132:50224
TI Reactivity of Lysine Moieties toward an Epoxyhydroxylinoleic Acid Derivative: Aminolysis versus Hydrolysis
AU Lederer, Markus O.; Schuler, Axel; Ohmenhauser, Marc
CS Institut fur Lebensmittelchemie, Universitaet Hohenheim, Stuttgart, D-70593, Germany
SO Journal of Agricultural and Food Chemistry (1999), 47(11), 4611-4620
CODEN: JAFCAU; ISSN: 0021-8561
PB American Chemical Society
DT Journal
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:796523 HCAPLUS
DN 132:119942
TI An epoxy alcohol synthase pathway in higher plants: biosynthesis of antifungal trihydroxy oxylipins in leaves of potato
AU Hamberg, Mats
CS Department of Medical Biochemistry and Biophysics, Division of Physiological Chemistry II, Karolinska Institutet, Stockholm, S-171 77, Swed.
SO Lipids (1999), 34(11), 1131-1142
CODEN: LPDSAP; ISSN: 0024-4201
PB AOCS Press
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:321127 HCAPLUS
DN 131:113695
TI Metabolic profile of linoleic acid in stored apples: formation of 13(R)-hydroxy-9(Z),11(E)-octadecadienoic acid
AU Beuerle, Till; Schwab, Wilfried
CS Lehrstuhl fur Lebensmittelchemie, Universitat Wurzburg, Wurzburg, D-97074, Germany
SO Lipids (1999), 34(4), 375-380
CODEN: LPDSAP; ISSN: 0024-4201
PB AOCS Press
DT Journal
LA English
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:409311 HCAPLUS
DN 129:214071
TI Medicinal foodstuffs. XIV. On the bioactive constituents of moroheiya. (2): new fatty acids, corchorifatty acids A, B, C, D, E, and F, from the leaves of Corchorus olitorius L. (Tiliaceae): structures and inhibitory effect on NO production in mouse peritoneal macrophages
AU Yoshikawa, Masayuki; Murakami, Toshiyuki; Shimada, Hiromi; Yoshizumi, Satoshi; Saka, Masami; Yamahara, Johji; Matsuda, Hisashi
CS Kyoto Pharmaceutical University, Kyoto, 607-8414, Japan
SO Chemical & Pharmaceutical Bulletin (1998), 46(6), 1008-1014

CODEN: CPBTAL; ISSN: 0009-2363
PB Pharmaceutical Society of Japan
DT Journal
LA English
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:305759 HCAPLUS
DN 129:91994
TI Strong dependence of the lipid peroxidation product spectrum whether Fe2+/O2 or Fe3+/O2 is used as oxidant
AU Spiteller, Peter; Spiteller, Gerhard
CS Lehrstuhl Organische Chemie I, Universitat Bayreuth, Bayreuth, 95440, Germany
SO Biochimica et Biophysica Acta (1998), 1392(1), 23-40
CODEN: BBACAQ; ISSN: 0006-3002
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:165123 HCAPLUS
DN 124:226704
TI Peroxygenase-catalyzed fatty acid epoxidation in cereal seeds. Sequential oxidation of linoleic acid into 9(S),12(S),13(S)-trihydroxy-10(E)-octadecenoic acid
AU Hamberg, Mats; Hamberg, Gunvor
CS Dep. Medical Biochemistry Biophysics, Karolinska Institutet, Stockholm, S-171 77, Swed.
SO Plant Physiology (1996), 110(3), 807-15
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English

L4 ANSWER 22 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1995:409978 HCAPLUS
DN 122:178121
TI Plant constituents interfering with human sex hormone-binding globulin. Evaluation of a test method and its application to Urtica dioica root extracts
AU Gansser, Dietmar; Spiteller, Gerhard
CS Univ. Bayreuth, Bayreuth, D-95440, Germany
SO Zeitschrift fuer Naturforschung, C: Biosciences (1995), 50(1/2), 98-104
CODEN: ZNCBDA; ISSN: 0341-0382
PB Verlag der Zeitschrift fuer Naturforschung
DT Journal
LA English

L4 ANSWER 23 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1995:770444 HCAPLUS
DN 123:222735
TI Studies on the constituents and anatomical characteristics of the sparganii rhizome derived from Sparganium stoloniferum Buch.-Ham.
AU Miyaichi, Yukinori; Matsuura, Yoko; Yamaji, Seiichi; Namba, Tsuneo; Tomimori, Tsuyoshi
CS Faculty of Pharmaceutical Sciences, Hokuriku University, Kanazawa, 920-11, Japan
SO Natural Medicines (Tokyo, Japan) (1995), 49(1), 24-8
CODEN: NMEDEO; ISSN: 1340-3443

DT Journal
LA English

L4 ANSWER 24 OF 80 USPATFULL on STN
AN 94:75653 USPATFULL
TI Skin treatment composition
IN Bowser, Paul A., Merseyside, England
Froling, Albert, Vlaardingen, Netherlands
Heslinga, Lammert, Maassluis, Netherlands
Houtsmuller, Udo M. T., Vlaardingen, Netherlands
Nugteren, Diederik H., Rhoon, Netherlands
Pabon, Hendrik J. J., Louise de Colignylaan, Netherlands
Prottey, Colin, Merseyside, England
PA Elizabeth Arden Co., Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5342976 19940830
AI US 1992-966771 19921027 (7)
RLI Division of Ser. No. US 1990-541993, filed on 21 Jun 1990, now patented, Pat. No. US 5202357 which is a continuation-in-part of Ser. No. US 1983-505005, filed on 16 Jun 1983, now patented, Pat. No. US 4950688
PRAI GB 1982-17413 19820616
GB 1982-17414 19820616
GB 1982-20442 19820714
DT Utility
FS Granted
LN.CNT 1014
INCL INCLM: 554/036.000
INCLS: 536/017.900; 536/053.000
NCL NCLM: 554/036.000
NCLS: 536/017.900; 536/053.000
IC [5]
ICM: C07G011-00
ICS: C09F007-00; C11C003-00
EXF 514/847; 554/36
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 25 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1993:488918 HCAPLUS
DN 119:88918
TI Flower bud formation-inducing agents containing unsaturated trihydroxy fatty acids from Lemna paucicostata.
IN Hosoi, Yoko; Kumamoto, Hiroyasu; Nagakura, Akira; Takimoto, Atsushi
PA Takasago Perfumery Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05058808	A2	19930309	JP 1991-242340	19910829
PRAI	JP 1991-242340		19910829		

OS MARPAT 119:88918

L4 ANSWER 26 OF 80 USPATFULL on STN
AN 93:29235 USPATFULL
TI Skin treatment composition
IN Bowser, Paul A., Merseyside, England
Froling, Albert, Vlaardingen, Netherlands
Heslinga, Lammert, Maassluis, Netherlands
Houtsmuller, Udo M. T., Vlaardingen, Netherlands
Nugteren, Diederik H., Rhoon, Netherlands
Pabon, Hendrik J. J., Vlaardingen, Netherlands

Prottey, Colin, Merseyside, England
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5202357 19930413
AI US 1990-541993 19900621 (7)
RLI Continuation-in-part of Ser. No. US 1983-505005, filed on 16 Jun 1983, now patented, Pat. No. US 4950688
PRAI GB 1982-17413 19820616
GB 1982-17414 19820616
GB 1982-20442 19820714
DT Utility
FS Granted
LN.CNT 1043
INCL INCLM: 514/847.000
INCLS: 424/DIG.005; 424/047.000; 424/059.000; 424/060.000; 424/069.000; 514/873.000; 514/887.000; 514/937.000; 514/938.000; 514/944.000; 514/949.000; 514/969.000; 536/041.000; 554/061.000; 554/063.000; 554/219.000
NCL NCLM: 514/032.000
NCLS: 424/047.000; 424/059.000; 424/060.000; 424/069.000; 424/DIG.005; 514/549.000; 514/873.000; 514/887.000; 514/937.000; 514/938.000; 514/944.000; 514/949.000; 514/969.000; 536/004.100; 554/061.000; 554/063.000; 554/219.000
IC [5]
ICM: A61K007-40
ICS: A61K007-48; A61K009-07; A61K009-12
EXF 260/404; 514/847
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 27 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:238821 HCAPLUS
DN 120:238821
TI Studies on lipid peroxides and the enzymes which are involved in their production in taro tubers infected by Ceratocystis fimbriata
AU Masui, Hironori; Nakayama, Mioko; Ohturu, Masaru
CS Fac. Home Econ., Yamaguchi Women's Univ., Yamaguchi, 753, Japan
SO Nippon Shokubutsu Byori Gakkaiho (1993), 59(6), 635-41
CODEN: NSBGAM; ISSN: 0031-9473
DT Journal
LA English

L4 ANSWER 28 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1992:20801 HCAPLUS
DN 116:20801
TI Synthesis of unsaturated trihydroxy C18 fatty acids
AU Quinton, Patrick; Le Gall, Thierry
CS Serv. Mol. Marquees, CEN Saclay, Gif-sur-Yvette, 91191, Fr.
SO Tetrahedron Letters (1991), 32(37), 4909-12
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English

L4 ANSWER 29 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:534096 HCAPLUS
DN 115:134096
TI Trihydroxyoctadecenoic acids in beer: qualitative and quantitative analysis
AU Hamberg, Mats
CS Dep. Physiol. Chem., Karolinska Inst., Stockholm, S-104 01, Swed.
SO Journal of Agricultural and Food Chemistry (1991), 39(9), 1568-72
CODEN: JAFCAU; ISSN: 0021-8561
DT Journal
LA English

L4 ANSWER 30 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:514237 HCAPLUS
DN 115:114237
TI Structural elucidation of naturally occurring 9,12,13-trihydroxy fatty acids by a synthetic study
AU Kato, Tadahiro; Yamaguchi, Yoshihiro; Hirukawa, Toshifumi; Hoshino, Naoko
CS Fac. Sci., Sci. Univ. Tokyo, Tokyo, 162, Japan
SO Agricultural and Biological Chemistry (1991), 55(5), 1349-57
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

L4 ANSWER 31 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:491885 HCAPLUS
DN 115:91885
TI Regio- and stereochemical analysis of trihydroxyoctadecenoic acids derived from linoleic acid 9- and 13-hydroperoxides
AU Hamberg, Mats
CS Dep. Physiol. Chem., Karolinska Inst., Stockholm, S-104 01, Swed.
SO Lipids (1991), 26(6), 407-15
CODEN: LPDSAP; ISSN: 0024-4201
DT Journal
LA English

L4 ANSWER 32 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:627698 HCAPLUS
DN 115:227698
TI Use of methyl oxime derivatives to enhance structural information in thermospray high-performance liquid chromatography-mass spectrometry. Analysis of linoleic acid lipoxygenase metabolites in maize embryos
AU Abian, J.; Pages, M.; Gelpi, E.
CS Cent. Invest. Desarrollo, CSIC, Barcelona, 08034, Spain
SO Journal of Chromatography (1991), 554(1-2), 155-73
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English

L4 ANSWER 33 OF 80 USPATFULL on STN
AN 90:65575 USPATFULL
TI Skin treatment composition
IN Bowser, Paul A., Merseyside, United Kingdom
Froling, Albert, Vlaardingen, Netherlands
Heslinga, Lammert, Maassluis, Netherlands
Houtsmuller, Udo M. T., Vlaardingen, Netherlands
Nugteren, Diederik H., Rhoon, Netherlands
Pabon, Hendrik J. J., Vlaardingen, Netherlands
Prottey, Colin, Merseyside, United Kingdom
PA Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 4950688 19900821
AI US 1983-505005 19830616 (6)
PRAI GB 1982-17413 19820616
GB 1982-17414 19820616
GB 1982-20442 19820714
DT Utility
FS Granted
LN.CNT 932
INCL INCLM: 514/847.000
INCLS: 260/404.000; 260/410.000; 260/413.000; 424/DIG.005; 424/047.000; 424/059.000; 424/060.000; 424/069.000; 514/873.000; 514/887.000; 514/937.000; 514/938.000; 514/944.000; 514/949.000; 514/969.000
NCL NCLM: 514/560.000
NCLS: 424/047.000; 424/059.000; 424/060.000; 424/069.000; 424/DIG.005;

514/032.000; 514/873.000; 514/887.000; 514/937.000; 514/938.000;
514/944.000; 514/949.000; 514/969.000; 554/063.000; 554/219.000
IC [5]
ICM: A61K007-40
ICS: A61K007-48; A61K009-07; A61K009-12
EXF 260/404; 424/180; 424/320; 514/847; 514/777; 514/781
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 34 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:139786 HCAPLUS
DN 114:139786
TI Studies on the constituents of Umbelliferae plants. XVIII. Minor constituents of Bupleuri radix: occurrence of saikogenins, polyhydroxysterols, a trihydroxy C18 fatty acid, a lignan and a new chromone
AU Kobayashi, Masaru; Tawara, Tomoka; Tsuchida, Takashi; Mitsuhashi, Hiroshi
CS Fac. Pharm. Sci., Hokkaido Univ., Sapporo, 060, Japan
SO Chemical & Pharmaceutical Bulletin (1990), 38(11), 3169-71
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English

L4 ANSWER 35 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1991:98487 HCAPLUS
DN 114:98487
TI The occurrence of lipid hydroperoxide-decomposing activities in rice and the relationship of such activities to the formation of antifungal substances
AU Ohta, Hiroyuki; Shida, Kan; Peng, You Liang; Furusawa, Iwao; Shishiyama, Jiko; Aibara, Shigeo; Morita, Yuhei
CS Res. Inst. Food Sci., Kyoto Univ., Uji, 611, Japan
SO Plant and Cell Physiology (1990), 31(8), 1117-22
CODEN: PCPHA5; ISSN: 0032-0781
DT Journal
LA English

L4 ANSWER 36 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1990:52274 HCAPLUS
DN 112:52274
TI An antifungal compound, 9,12,13-trihydroxy-(E)-10-octadecenoic acid, from Colocasia antiquorum inoculated with Ceratocystis fimbriata
AU Masui, Hironori; Kondo, Tadao; Kojima, Mineo
CS Fac. Agric., Nagoya Univ., Nagoya, 464-01, Japan
SO Phytochemistry (1989), 28(10), 2613-15
CODEN: PYTCAS; ISSN: 0031-9422
DT Journal
LA English
OS CASREACT 112:52274

L4 ANSWER 37 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1989:114497 HCAPLUS
DN 110:114497
TI Synthesis of unsaturated trihydroxy C-18 fatty acids isolated from rice plants suffering from rice blast disease
AU Suemune, Hiroshi; Harabe, Tetsuji; Sakai, Kiyoshi
CS Fac. Pharm. Sci., Kyushu Univ., Fukuoka, 812, Japan
SO Chemical & Pharmaceutical Bulletin (1988), 36(9), 3632-7
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 110:114497

L4 ANSWER 38 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 1989:108136 HCAPLUS
DN 110:108136
TI 9,12,13-Trihydroxy-10-octadecenic and 9,12,13-trihydroxy-10,11-epoxyoctadecanoic acids - new antistressor compounds from licorice
AU Shirinyan, E. A.; Panosyan, A. G.; Barikyan, M. L.; Avakyan, O. M.
CS Inst. Fine Org. Chem., Yerevan, USSR
SO Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya (1988), (6), 932-6
CODEN: IANBAM; ISSN: 0002-3329
DT Journal
LA Russian

L4 ANSWER 39 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1989:91298 HCAPLUS
DN 110:91298
TI Photolysis of unsaturated fatty acid hydroperoxides. 4. Fatty acid products from the aerobic decomposition of methyl 13(S)-hydroperoxy-9(Z),11(E)-octadecadienoate dissolved in cyclohexane
AU Schieberle, P.; Trebert, Yezid; Firl, Joachim; Grosch, Werner
CS Dtsch. Forschungsanst. Lebensmittelchem., Garching, D-8046, Fed. Rep. Ger.
SO Chemistry and Physics of Lipids (1988), 48(3-4), 281-8
CODEN: CPLIA4; ISSN: 0009-3084
DT Journal
LA English

L4 ANSWER 40 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1987:575701 HCAPLUS
DN 107:175701
TI Vanadium-catalyzed transformation of 13(S)-hydroperoxy-9(Z),11(E)-octadecadienoic acid: structural studies on epoxy alcohols and trihydroxy acids
AU Hamberg, Mats
CS Dep. Physiol. Chem., Karolinska Inst., Stockholm, S-104 01, Swed.
SO Chemistry and Physics of Lipids (1987), 43(1), 55-67
CODEN: CPLIA4; ISSN: 0009-3084
DT Journal
LA English

L4 ANSWER 41 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1988:508832 HCAPLUS
DN 109:108832
TI Quantitative capillary gas chromatography of trihydroxyoctadecenoic acids in beer
AU Verzele, M.; Schuddinck, G.; Proot, M.; Sandra, P.
CS Lab. Org. Chem., State Univ. Ghent, Ghent, B-9000, Belg.
SO Journal of the Institute of Brewing (1987), 93(1), 26-9
CODEN: JINBAL; ISSN: 0368-2587
DT Journal
LA English

L4 ANSWER 42 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:622714 HCAPLUS
DN 105:222714
TI Heliangolides, kauranes and other constituents of Helianthus heterophyllus
AU Herz, Werner; Bruno, Maurizio
CS Dep. Chem., Florida State Univ., Tallahassee, FL, 32306-3006, USA
SO Phytochemistry (1986), 25(8), 1913-16
CODEN: PYTCAS; ISSN: 0031-9422
DT Journal
LA English

L4 ANSWER 43 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:549713 HCAPLUS
DN 105:149713

TI 10α-Methyl-eudesman-8αH,12-olides and other constituents from Wedelia pinetorum
AU Herz, Werner; Sosa, Virginia E.
CS Dep. Chem., Florida State Univ., Tallahassee, FL, 32306-3006, USA
SO Phytochemistry (Elsevier) (1986), 25(6), 1481-3
CODEN: PYTCAS; ISSN: 0031-9422
DT Journal
LA English

L4 ANSWER 44 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:530844 HCAPLUS
DN 105:130844
TI Structure and synthesis of 11,12,13-trihydroxy-9Z,15Z-octadecadienoic acids from rice plant suffering from rice blast disease
AU Kato, Tadahiro; Yamaguchi, Yoshihiro; Ohnuma, Shinichi; Uyehara, Tadao; Namai, Tsuneo; Kodama, Mitsuaki; Shiobara, Yoshinori
CS Fac. Sci., Tohoku Univ., Sendai, 980, Japan
SO Chemistry Letters (1986), (4), 577-80
CODEN: CMLTAG; ISSN: 0366-7022
DT Journal
LA English

L4 ANSWER 45 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1987:458332 HCAPLUS
DN 107:58332
TI Photolysis of unsaturated fatty acid hydroperoxides. 3. Products from the aerobic decomposition of methyl 13(S)-hydroperoxy-9(Z),11(E)-octadecadienoate dissolved in methanol
AU Schieberle, Peter; Trebert, Yezid; Firl, Joachim; Grosch, Werner
CS Inst. Org. Chem., Tech. Univ. Muenchen, Garching, D-8046, Fed. Rep. Ger.
SO Chemistry and Physics of Lipids (1986), 41(2), 101-16
CODEN: CPLIA4; ISSN: 0009-3084
DT Journal
LA English

L4 ANSWER 46 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1987:193342 HCAPLUS
DN 106:193342
TI Lipoxygenase metabolism of linoleic acid by porcine neutrophils
AU Claeys, M.; Kivits, G. A. A.; Christ-Hazelhof, E.; Nugteren, D. H.
CS Dep. Pharm. Sci., Univ. Antwerp, Wilrijk, B2610, Belg.
SO Progress in Lipid Research (1986), 25(Essent. Fatty Acids, Prostaglandins Leukotrienes), 59-65
CODEN: PLIRDW; ISSN: 0163-7827
DT Journal
LA English

L4 ANSWER 47 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1985:453832 HCAPLUS
DN 103:53832
TI Conversion of linoleic acid hydroperoxide to hydroxy, keto, epoxyhydroxy, and trihydroxy fatty acids by hematin
AU Dix, Thomas A.; Marnett, Lawrence J.
CS Dep. Chem., Wayne State Univ., Detroit, MI, 48202, USA
SO Journal of Biological Chemistry (1985), 260(9), 5351-7
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L4 ANSWER 48 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:205650 HCAPLUS
DN 104:205650
TI Decomposition products of dimers arising from secondary oxidation of

methyl linoleate hydroperoxides
AU Miyashita, Kazuo; Hara, Nobuko; Fujimoto, Kenshiro; Kaneda, Takashi
CS Fac. Agric., Tohoku Univ., Sendai, 980, Japan
SO Agricultural and Biological Chemistry (1985), 49(9), 2633-40
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

L4 ANSWER 49 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1985:434974 HCAPLUS
DN 103:34974
TI Structure and synthesis of unsaturated trihydroxy C18 fatty acids in rice plant suffering from rice disease
AU Kato, Tadahiro; Yamaguchi, Yoshiro; Abe, Nobunori; Uyehara, Tadao; Namai, Tsuneo; Kodama, Mitsuaki; Shiobara, Yoshinori
CS Fac. Sci., Tohoku Univ., Sendai, 980, Japan
SO Tetrahedron Letters (1985), 26(19), 2357-60
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English

L4 ANSWER 50 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:109998 HCAPLUS
DN 104:109998
TI The radical-scavenging reactions of a vitamin E model compound, 2,2,5,7,8-pentamethylchroman-6-ol, with radicals from the iron(II)-induced decomposition of a linoleic acid hydroperoxide, (9Z,11E)-13-hydroperoxy-9,11-octadecadienoic acid
AU Kaneko, Takao; Matsuo, Mitsuyoshi
CS Tokyo Metrop. Inst. Gerontol., Tokyo, 173, Japan
SO Chemical & Pharmaceutical Bulletin (1985), 33(5), 1899-905
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 104:109998

L4 ANSWER 51 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:145660 HCAPLUS
DN 104:145660
TI Oxygenated unsaturated fatty acids possessing anti-rice blast fungus activity, isolated from rice plants
AU Kato, Tadahiro; Yamaguchi, Yoshihiro; Uyehara, Tadao; Namai, Tsuneo; Kodama, Mitsuaki; Shiobara, Yoshitsune
CS Dep. Chem., Tohoku Univ., Sapporo, Japan
SO Tennen Yuki Kagobutsu Toronkai Koen Yoshishu (1985), 27th, 413-19
CODEN: TYKYDS
DT Journal
LA Japanese

L4 ANSWER 52 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1985:146123 HCAPLUS
DN 102:146123
TI Trihydroxy-C18-acids and a labdane from Rudbeckia fulgida
AU Herz, Werner; Kulanthaivel, Palaniappan
CS Dep. Chem., Florida State Univ., Tallahassee, FL, 32306, USA
SO Phytochemistry (Elsevier) (1985), 24(1), 89-91
CODEN: PYTCAS; ISSN: 0031-9422
DT Journal
LA English

L4 ANSWER 53 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1985:45300 HCAPLUS
DN 102:45300

TI Structural studies of polar dimers in autoxidized methyl linoleate during the initial stages of autoxidation
AU Miyashita, Kazuo; Fujimoto, Kenshiro; Kaneda, Takashi
CS Fac. Agric., Tohoku Univ., Sendai, 980, Japan
SO Agricultural and Biological Chemistry (1984), 48(10), 2511-15
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

L4 ANSWER 54 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1984:67526 HCAPLUS
DN 100:67526
TI Acid catalysis of a linoleic acid hydroperoxide: formation of epoxides by an intramolecular cyclization of the hydroperoxide group
AU Gardner, H. W.; Weisleder, D.; Nelson, E. C.
CS North. Reg. Res. Cent., U. S. Dep. Agric., Peoria, IL, 61604, USA
SO Journal of Organic Chemistry (1984), 49(3), 508-15
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 100:67526

L4 ANSWER 55 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1985:5350 HCAPLUS
DN 102:5350
TI Acid-catalyzed transformation of 13(S)-hydroperoxylinoleic acid into epoxyhydroxyoctadecenoic and trihydroxyoctadecenoic acids
AU Gardner, H. W.; Nelson, E. C.; Tjarks, L. W.; England, R. E.
CS North. Reg. Res. Cent., Agric. Res. Serv., Peoria, IL, 61604, USA
SO Chemistry and Physics of Lipids (1984), 35(2), 87-101
CODEN: CPLIA4; ISSN: 0009-3084
DT Journal
LA English

L4 ANSWER 56 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1984:108981 HCAPLUS
DN 100:108981
TI Skin treatment compositions
IN Bowser, Paul Anthony; Froling, Albert; Heslinga, Lammert; Houtsmuller, Udo Marius Theodoor; Nugteren, Diederik Hendrik; Pabon, Hendrik Jacob Johannes; Prottey, Colin
PA Unilever N. V. , Neth.
SO Eur. Pat. Appl., 64 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 97059	A2	19831228	EP 1983-303469	19830615
	EP 97059	A3	19850710		
	EP 97059	B1	19891025		
	R: AT, BE, CH, DE, FR, IT, LI, NL, SE				
	AU 8315757	A1	19831222	AU 1983-15757	19830614
	AU 546872	B2	19850926		
	JP 59007118	A2	19840114	JP 1983-106589	19830614
	JP 01045442	B4	19891003		
	GB 2126892	A1	19840404	GB 1983-16344	19830615
	GB 2126892	B2	19860115		
	ZA 8304402	A	19850227	ZA 1983-4402	19830615
	CA 1257252	A1	19890711	CA 1983-430480	19830615
	AT 47517	E	19891115	AT 1983-303469	19830615
	US 4950688	A	19900821	US 1983-505005	19830616

	US 5202357	A	19930413	US 1990-541993	19900621
	US 5342976	A	19940830	US 1992-966771	19921027
PRAI	GB 1982-17413	A	19820616		
	GB 1982-17414	A	19820616		
	GB 1982-20442	A	19820714		
	EP 1983-303469	A	19830615		
	US 1983-505005	A2	19830616		
	US 1990-541993	A3	19900621		

L4 ANSWER 57 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1983:589910 HCAPLUS
DN 99:189910
TI Hematin-catalyzed rearrangement of hydroperoxylinoleic acid to epoxy alcohols via an oxygen rebound
AU Dix, Thomas A.; Marnett, Lawrence J.
CS Dep. Chem., Wayne State Univ., Detroit, MI, 48202, USA
SO Journal of the American Chemical Society (1983), 105(23), 7001-2
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L4 ANSWER 58 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1984:173101 HCAPLUS
DN 100:173101
TI Formation of trans-2-nonenal by photooxidation of hydroxydecenoic acids
AU Vande Meerssche, J.; Blockmans, C.; Devreux, A.; Masschelein, C. A.
CS CERIA, Brussels, B-1070, Belg.
SO Proceedings of the Congress - European Brewery Convention (1983), 19th, 525-32
CODEN: EBCPA6; ISSN: 0367-018X
DT Journal
LA French

L4 ANSWER 59 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1982:468168 HCAPLUS
DN 97:68168
TI Autoxidation of phosphatidylcholine liposomes
AU Wu, Guey Shuang; Stein, Robert A.; Mead, James F.
CS Lab. Biomed. Environ. Sci., Univ. California, Los Angeles, CA, 90024, USA
SO Lipids (1982), 17(6), 403-13
CODEN: LPDSAP; ISSN: 0024-4201
DT Journal
LA English

L4 ANSWER 60 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1981:616705 HCAPLUS
DN 95:216705
TI Degradation of linoleic acid hydroperoxides by a cysteine.ferric chloride catalyst as a model for similar biochemical reactions. I. Study of oxygen requirement, catalyst and effect of pH
AU Gardner, H. W.; Jursinic, P. A.
CS North. Regional Res. Cent., Agric. Res., Sci. Educ. Adm., Peoria, IL, 61604, USA
SO Biochimica et Biophysica Acta (1981), 665(1), 100-12
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L4 ANSWER 61 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1981:180557 HCAPLUS
DN 94:180557
TI Search for substances with prostaglandin-like activity in plants
AU Panosyan, A. G.; Barikyan, M. L.; Lebedeva, M. N.; Amroyan, E. A.;

Gabrielyan, E. S.
CS Inst. Tonk. Org. Khim. im. Mndzhoyana, Yerevan, USSR
SO Khimiya Prirodnykh Soedinenii (1980), (6), 825-6
CODEN: KPSUAR; ISSN: 0023-1150
DT Journal
LA Russian

L4 ANSWER 62 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1980:584535 HCAPLUS
DN 93:184535
TI Occurrence of bitter hydroxy fatty acids in oat and wheat
AU Biermann, U.; Wittmann, A.; Grosch, W.
CS Deutsche Forschungsanst. Lebensmittel-Chem., Garching, 8046, Fed. Rep. Ger.
SO Fette, Seifen, Anstrichmittel (1980), 82(6), 236-40
CODEN: FSASAX; ISSN: 0015-038X
DT Journal
LA German

L4 ANSWER 63 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1979:591282 HCAPLUS
DN 91:191282
TI Gas chromatographic determination of trihydroxyoctadecenoic acids in beer
AU Yabuuchi, S.; Yamashita, H.
CS Cent. Res. Lab., Asahi Brew. Ltd., Tokyo, 143, Japan
SO Journal of the Institute of Brewing (1979), 85(4), 216-78
CODEN: JINBAL; ISSN: 0368-2587
DT Journal
LA English

L4 ANSWER 64 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1978:1721 HCAPLUS
DN 88:1721
TI Formation of isomeric trihydroxyoctadecenoic acids during enzymic oxidation of linoleic acid by barley flour
AU Esterbauer, Hermann; Schauenstein, Erwin
CS Inst. Biochem., Univ. Graz, Graz, Austria
SO Monatshefte fuer Chemie (1977), 108(5), 963-72
CODEN: MOCMB7; ISSN: 0026-9247
DT Journal
LA German

L4 ANSWER 65 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:514587 HCAPLUS
DN 87:114587
TI Oxygenated fatty acid constituents of soybean phosphatidylcholines
AU Sessa, D. J.; Gardner, H. W.; Kleiman, R.; Weisleder, D.
CS NRRC, ARS, Peoria, IL, USA
SO Lipids (1977), 12(7), 613-19
CODEN: LPDSAP; ISSN: 0024-4201
DT Journal
LA English

L4 ANSWER 66 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:565960 HCAPLUS
DN 87:165960
TI Isomeric trihydroxyoctadecenoic acids in beer: evidence for their presence and quantitative determination
AU Esterbauer, Hermann; Schauenstein, Erwin
CS Inst. Biochem., Univ. Graz, Graz, Austria
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1977), 164(4), 255-9
CODEN: ZLUFAR; ISSN: 0044-3026

DT Journal
LA German

L4 ANSWER 67 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:550455 HCAPLUS
DN 87:150455
TI Enzymic oxidation of linoleic acid: formation of bitter-tasting fatty acids
AU Baur, Christiane; Grosch, Werner; Wieser, Herbert; Jugel, Harald
CS Dtsch. Forschungsanst. Lebensmittelchem., Garching, Fed. Rep. Ger.
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1977), 164(3), 171-6
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA English

L4 ANSWER 68 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1978:115822 HCAPLUS
DN 88:115822
TI Study on the taste of di-, tri-, and tetrahydroxy fatty acids
AU Baur, Christiane; Grosch, Werner
CS Dtsch. Forschungsanst. Lebensmittelchem., Garching, Fed. Rep. Ger.
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1977), 165(2), 82-4
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA German

L4 ANSWER 69 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:104607 HCAPLUS
DN 86:104607
TI Storage of cereal products and oxidation of flour lipids
AU Scheffeldt, P.; Schweizer, H.
CS Agrikulturchem. Inst., ETH, Zurich, Switz.
SO Rivista Italiana delle Sostanze Grasse (1976), 53(12), 400-2
CODEN: RISGAD; ISSN: 0035-6808
DT Journal
LA English

L4 ANSWER 70 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:104406 HCAPLUS
DN 86:104406
TI Origin and formation of 2-nonenal in heated beer
AU Stenroos, L.; Wang, P.; Siebert, K.; Meilgaard, M.
CS Res. Lab., Stroh Brew. Co., Detroit, MI, USA
SO Technical Quarterly - Master Brewers Association of the Americas (1976), 13(4), 227-32
CODEN: TQMBAC; ISSN: 0542-9811
DT Journal
LA English

L4 ANSWER 71 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:599381 HCAPLUS
DN 87:199381
TI Oxygenated fatty acids from soybean phosphatidylcholines and their possible derivation from hydroperoxides
AU Sessa, D. J.; Gardner, H. W.; Kleiman, R.; Weisleder, D.
CS NRRC, ARS, Peoria, IL, USA
SO Actes Congr. Mond. - Soc. Int. Etude Corps Gras, 13th (1976), Volume Symp. 10, 45-61. Editor(s): Naudet, M.; Ucciani, E.; Uzzan, A. Publisher: ITERG, Paris, Fr.
CODEN: 36NUA6
DT Conference

LA English

L4 ANSWER 72 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:16707 HCAPLUS
DN 84:16707
TI Further oxygenated compounds produced from methyl linoleate monohydroperoxides in the process of autoxidation
AU Terao, Junji; Matsushita, Setsuro
CS Res. Inst. Food Sci., Kyoto Univ., Kyoto, Japan
SO Agricultural and Biological Chemistry (1975), 39(10), 2027-33
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

L4 ANSWER 73 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:70870 HCAPLUS
DN 84:70870
TI Conversion of linoleic acid hydroperoxide by soybean lipoxygenase in the presence of guaiacol. Identification of the reaction products
AU Streckert, Guenter; Stan, Hans J.
CS Inst. Lebensmittelchem., Tech. Univ. Berlin, Berlin, Fed. Rep. Ger.
SO Lipids (1975), 10(12), 847-54
CODEN: LPDSAP; ISSN: 0024-4201
DT Journal
LA English

L4 ANSWER 74 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:14043 HCAPLUS
DN 84:14043
TI Oxidation of linoleic acid by lipoxygenase in flour-water systems. Isolation of 9, 12, 13-trihydroxy-trans-10-octadecenoic acid as a main reaction product
AU Markwalder, H. U.; Scheffeldt, P.; Neukom, H.
CS Dep. Food Sci., Swiss Fed. Inst. Technol., Zurich, Switz.
SO Lebensmittel-Wissenschaft und -Technologie (1975), 8(5), 234-5
CODEN: LBWTAP; ISSN: 0023-6438
DT Journal
LA English

L4 ANSWER 75 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:13613 HCAPLUS
DN 84:13613
TI Enzymic reactions of fatty acid hydroperoxides in extracts of potato tuber. II. Conversion of 9- and 13-hydroperoxy-octadecadienoic acids to monohydroxydienoic acid, epoxyhydroxy-, and trihydroxymonoenoic acid derivatives
AU Galliard, T.; Phillips, D. R.; Matthew, J. A.
CS Food Res. Inst., Agric. Res. Counc., Norwich, UK
SO Biochimica et Biophysica Acta (1975), 409(2), 157-71
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L4 ANSWER 76 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1974:535397 HCAPLUS
DN 81:135397
TI Homolytic decomposition of linoleic acid hydroperoxide. Identification of fatty acid products
AU Gardner, H. W.; Kleiman, R.; Weisleder, D.
CS NRRL, ARS, Peoria, IL, USA
SO Lipids (1974), 9(9), 696-706
CODEN: LPDSAP; ISSN: 0024-4201
DT Journal

LA English

L4 ANSWER 77 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1973:132908 HCAPLUS
DN 78:132908
TI Enzymic hydroperoxide decomposition in cereals. Enzyme characterization and reaction products
AU Heimann, W.; Dresen, P.
CS Inst. Lebensmittelchem., Univ. Karlsruhe, Karlsruhe, Fed. Rep. Ger.
SO Helvetica Chimica Acta (1973), 56(1), 463-9
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA German

L4 ANSWER 78 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1973:535452 HCAPLUS
DN 79:135452
TI Formation and decomposition of linoleic acid hydroperoxides in cereals. Quantitative determination of the reaction products
AU Heimann, Werner; Dresen, Peter; Klaiber, Verena
CS Inst. Lebensmittelchem., Univ. Karlsruhe, Karlsruhe, Fed. Rep. Ger.
SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1973), 153(1), 1-5
CODEN: ZLUFAR; ISSN: 0044-3026
DT Journal
LA German

L4 ANSWER 79 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1972:433021 HCAPLUS
DN 77:33021
TI Indentification of trihydroxyoctadecenoates derived from uv-irradiated or autoxidized sesame oil and methyl linoleate and mechanism of their formation
AU Tsuchida, Masako; Miura, Toshiyuki; Miyaki, Komei
CS Natl. Inst. Health, Tokyo, Japan
SO Yukagaku (1972), 21(5), 269-74
CODEN: YKGKAM; ISSN: 0513-398X
DT Journal
LA Japanese

L4 ANSWER 80 OF 80 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1970:508448 HCAPLUS
DN 73:108448
TI Enzymic oxidations of linoleic acid and glycerol-1-monolinoleate in doughs and flour-water suspensions
AU Graveland, A.
CS Inst. Cereals, Flour Bread T.N.O., Wageningen, Neth.
SO Journal of the American Oil Chemists' Society (1970), 47(9), 352-61
CODEN: JAOCA7; ISSN: 0003-021X
DT Journal
LA English

=> D Que STAT
L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.
L2 70 SEA FILE=REGISTRY SSS FUL L1
L3 80 SEA L2
L4 80 DUP REM L3 (0 DUPLICATES REMOVED)

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L1             STRUCTURE UPLOADED
L2          70 SEA SSS FUL L1

     FILE 'HCAPLUS, USPATFULL' ENTERED AT 16:18:19 ON 26 AUG 2005
L3          80 SEA ABB=ON  PLU=ON  L2
L4          80 DUP REM L3 (0 DUPLICATES REMOVED)
               DIS 1-10
               DIS 11-80
               D QUE STAT


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HIGHEST APPLICATION PUBLICATION NUMBER: US2005188446
CA INDEXING IS CURRENT THROUGH 25 Aug 2005 (20050825/UPCA)
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